

IN THE CLAIMS

Delete claims 1-16.

Add new claims 17-28, as follows.

17. A method of operating a human DNA database, comprising:
 - a) providing a genetic sample from an individual;
 - b) analyzing the genetic sample to identify the individual's unique genetic DNA sequence;
 - c) comparing the unique DNA sequence with the database of human DNA to result in a unique genetic profile for the individual;
 - d) correlating the unique genetic profile with specific physical conditions to result in an identification of specific physical conditions unique to the unique genetic profile; and
 - e) providing the specific physical condition information in human-readable and/or machine-readable form.
18. The method of operating a human DNA database as set forth in claim 17 further comprising removing, collecting, and storing biologically hazardous materials which may have resulted from obtaining the genetic sample, and removing, collecting, and storing apparatus components potentially contaminated by the genetic sample.
19. The method of operating a human DNA database as set forth in claim 17 further comprising processing payment for the services of providing the specific physical condition information.

20. The method of operating a human DNA database as set forth in claim 18 wherein step 18 is automatic following completion of steps a) - e).

21. The method of operating a human DNA database as set forth in claim 17 wherein step a) comprises withdrawing blood from the finger of the user.

22. The method of operating a human DNA database as set forth in claim 17 further comprising destroying all electronic data relating to the genetic sample, genome analysis, and specific physical condition.

23. A method of providing an individual with details of his unique individual genome, comprising:

- a) providing a genetic sample from the individual;
- b) analyzing the genetic sample to identify the individual's unique genetic DNA sequence;
- c) comparing the unique DNA sequence with the database of human DNA to result in a unique genetic profile for the individual;
- d) correlating the unique genetic profile with specific physical conditions to result in an identification of specific physical conditions unique to the unique genetic profile; and
- e) providing the specific physical condition information in human-readable and/or machine-readable form.

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24. A method of providing an individual with details of his unique individual genome as set forth in claim 23 further comprising removing, collecting, and storing biologically hazardous materials which may have resulted from obtaining the genetic sample, and removing, collecting, and storing apparatus components potentially contaminated by the genetic sample.

25. The method of providing an individual with details of his unique individual genome as set forth in claim 23 further comprising processing payment for the services of providing the specific physical condition information.
26. The method of providing an individual with details of his unique individual genome as set forth in claim 24 wherein step 24 is automatic following completion of steps a) - e).
27. The method of providing an individual with details of his unique individual genome as set forth in claim 23 wherein step a) comprises withdrawing blood from the finger of the user.
28. The method of providing an individual with details of his unique individual genome as set forth in claim 23 further comprising destroying all electronic data relating to the genetic sample, genome analysis, and specific physical condition.